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PATENT & TRADEMARK
S/N 09/745,114

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Sam Yang

Examiner: Scott R. Wilson

Serial No.: 09/745,114

Group Art Unit: 2826

Filed: December 20, 2000

Docket: 303.714US1

Title: LOW LEAKAGE MIM CAPACITOR

Amended
D.S. Mails-104-
PATENT
1-15-03

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Commissioner for Patents
Washington, D.C. 20231

This paper is in response to the Office Action mailed on August 28, 2002. Please amend the above-identified patent application as follows.

IN THE CLAIMS

Please substitute the claim set in the appendix entitled Clean Version of Pending Claims for the previously pending claim set. The substitute claim set is intended to reflect amendment of previously pending claims 1, 9, 12, 16, 20, 23, 25, 26, 28, 30, 73-77, 79-81, 83-88, 90-94, 96-100, 102-106, 110, 113, 116, 118, and 124 and addition of new claims 126-127. The specific amendments to individual claims are detailed in the following marked up set of claims.

1. (Amended) A capacitor, comprising:

- a first electrode;
- a second electrode;
- a single compound, dielectric layer interposed between the first electrode and the second electrode; and
- a metal oxide buffer layer intermediate the dielectric layer and one of the first and second electrodes.

9. (Amended) A capacitor, comprising:

- a first electrode;
- a second electrode;
- a single compound, dielectric layer interposed between the first electrode and the second electrode; and

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